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Atty. Docket No.: 018563-002910
Applicant: Elena Pavlovskaia
Title: Systems and Methods for Removing Gingiva from Computer Tooth Models

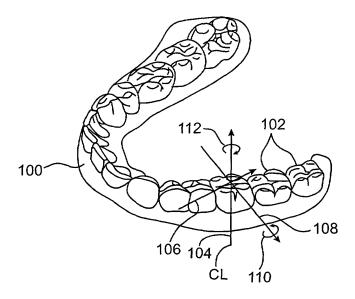


FIG. 1A

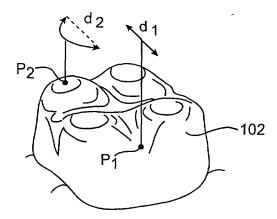


FIG. 1B

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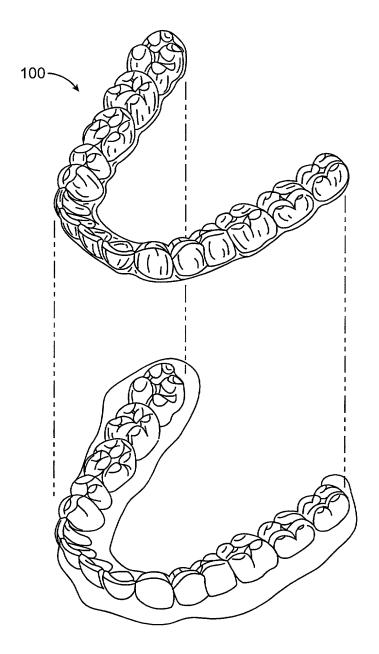


FIG. 1C

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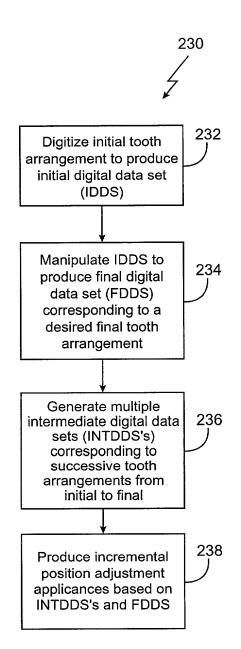


FIG. 2

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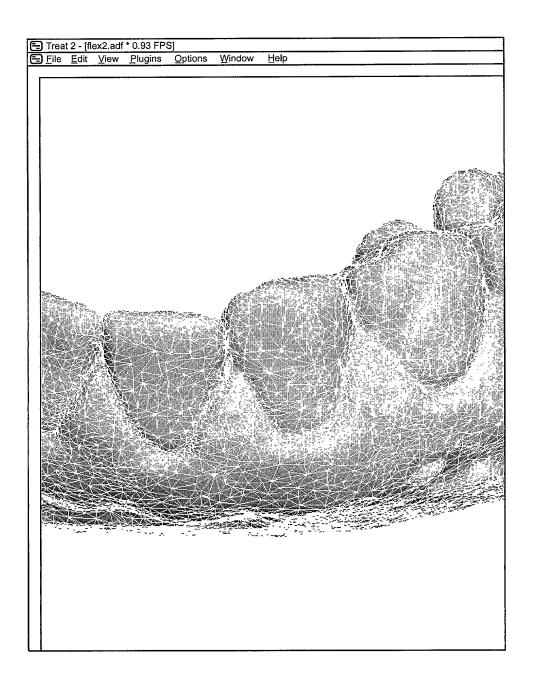


FIG. 3

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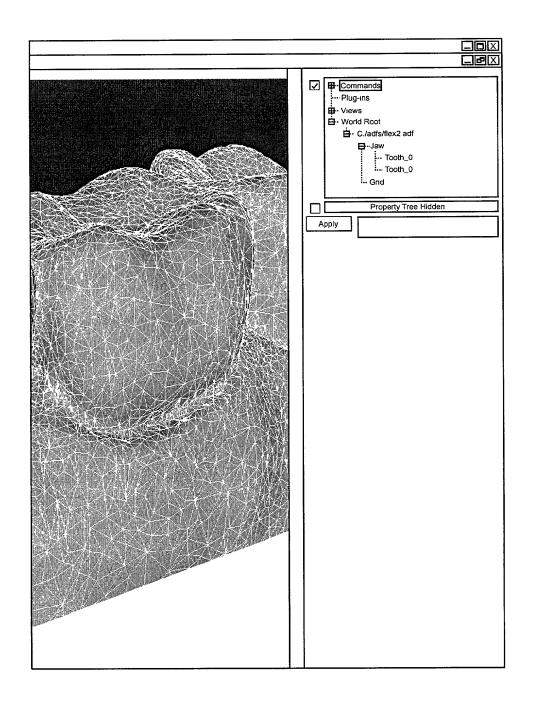


FIG. 3 (cont.)

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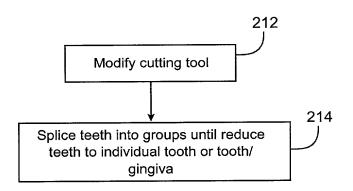


FIG. 4

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Find gingival line separating crown surface from gingival surface of tooth model

Create surface model passing through gingival line

Chip gingival from tooth

FIG. 5

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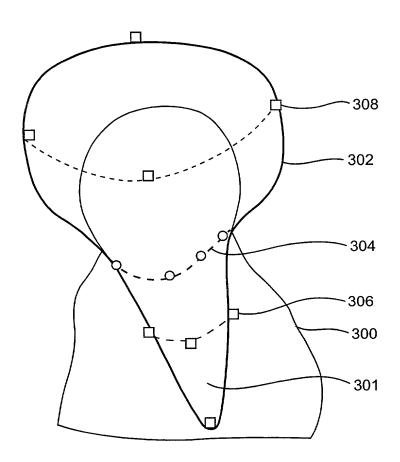


FIG. 6

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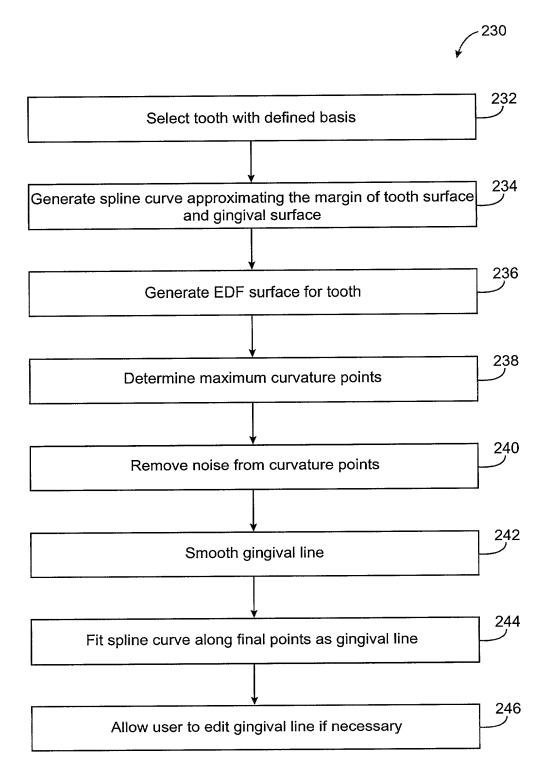


FIG. 7

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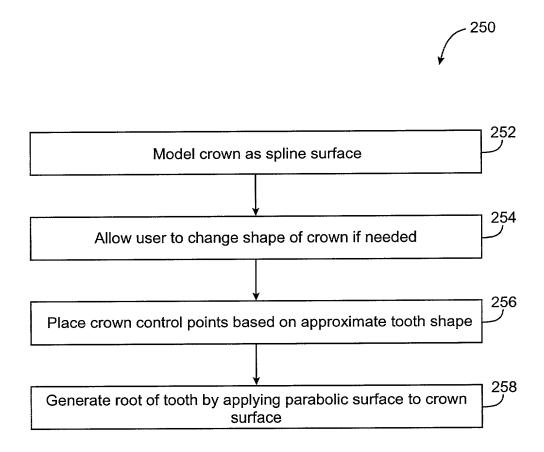


FIG. 8A

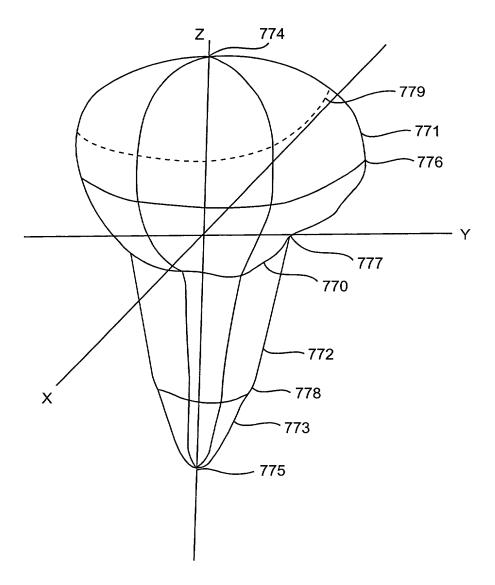


FIG. 8B

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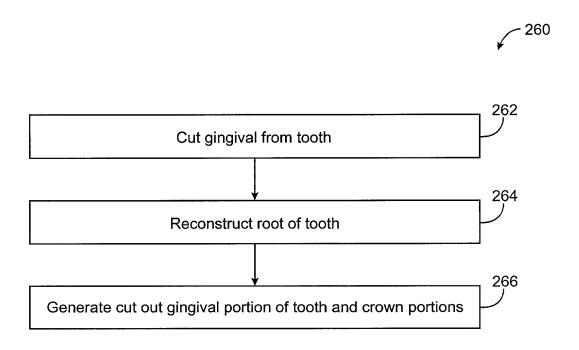


FIG. 9

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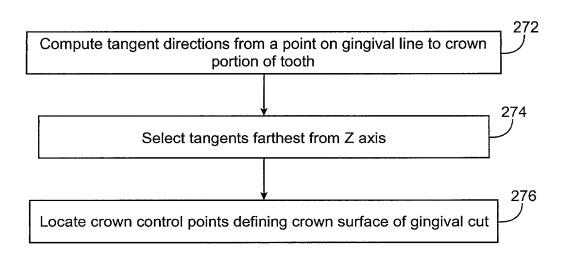


FIG. 10

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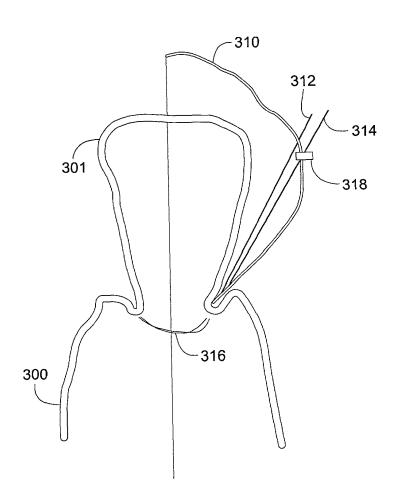
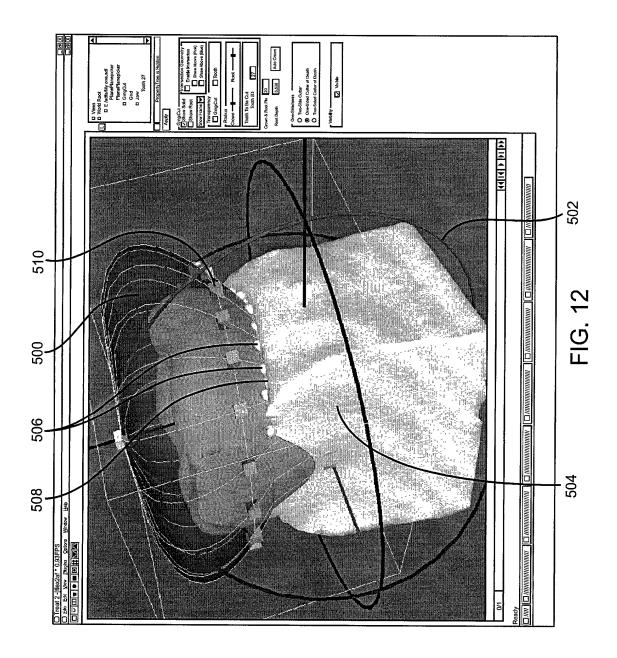


FIG. 11



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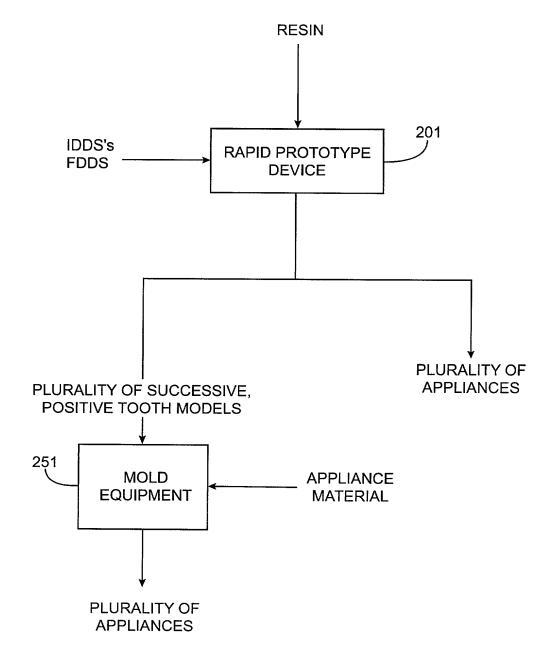


FIG. 13

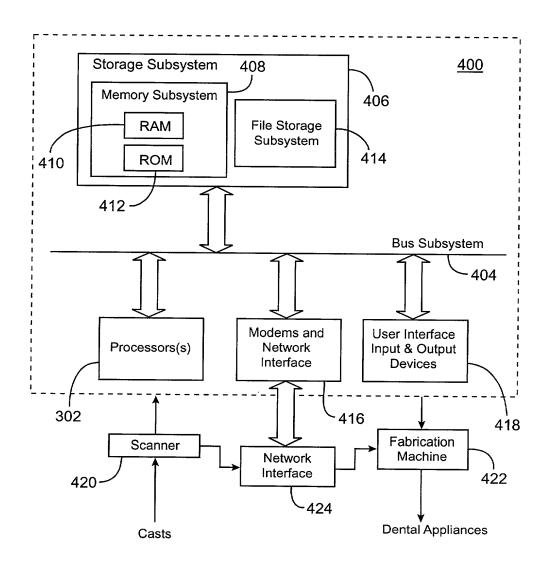


FIG. 14